

ABSTRACT OF THE DISCLOSURE

An optical disc drive includes an optical system, a photodetector, a filter, a phase difference detecting section, a signal generating section, and a control section. The optical system focuses a light beam on an optical disc loaded. The photodetector includes areas to receive the light beam reflected from the disc and generates read signals representing quantities of light received. The filter receives the read signals and outputs processed signals with a frequency component of the read signals attenuated according to mark lengths. The phase difference detecting section detects a phase difference between the processed signals. The signal generating section generates a tracking error signal, representing a positional relationship between the focal point and a target track, based on the phase difference. The control section generates a control signal based on the tracking error signal such that the focal point is controlled across the tracks on the disc.